

Rabbit anti-Human, Mouse Cyclin B2 Polyclonal Antibody | anti-CCNB2 antibody

Rabbit anti-Cyclin B2 Antibody, Affinity Purified

CATALOG # AAA212734	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Cyclin B2; Polyclonal Antibody; Rabbit anti-Cyclin B2 Antibody; Affinity Purified; G2/mitotic-specific cyclin-B2; HsT17299; cyclin B2; anti-CCNB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CCNB2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Golden hamster
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Cyclin B2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN and RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Cyclin B2 antibody AAA212734 (lot AAA212734-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Cyclin B2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Cyclin B2 antibody AAA212734 (lot AAA212734-1) used for IP at 6 ug per reaction. Cyclin B2 was also immunoprecipitated by rabbit anti-Cyclin B2 antibody BL17041. For blotting immunoprecipitated Cyclin B2, BL17041 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB2 antibody

Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control [taken from NCBI Entrez Gene (Gene ID: 9133)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	332205979
NCBI GeneID	9133
NCBI Accession #	NP_004692.1
NCBI GenBank Nucleotide #	NM_004701
UniProt Accession #	O95067; Q6FI99; B3KM93
Molecular Weight	45,282 Da
NCBI Official Full Name	Homo sapiens cyclin B2 (CCNB2), mRNA
NCBI Official Synonym Full Names	cyclin B2
NCBI Official Symbol	CCNB2
NCBI Official Synonym Symbols	HsT17299
NCBI Protein Information	G2/mitotic-specific cyclin-B2
UniProt Protein Name	G2/mitotic-specific cyclin-B2
UniProt Gene Name	CCNB2
UniProt Entry Name	CCNB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyclin-b2-antibody-immunoprecipitation-western-blot-elisa/212734>